

REMARKS

In The Claims:

Claims 1-19 are pending in the application.

In The Specification:

An abstract of the disclosure is provided on page 6 of this communication.

35 U.S.C. § 103

Claims 1-2 and 16-19 were rejected under 35 U.S.C. § 103(a) over Sawyer (EP 0 419 266) in view of Velenyi (USPN 4,808,563). Claims 13-15 were rejected under 35 U.S.C. § 103(a) over Sawyer in view of Velenyi as applied to claims 1-2 and 16-19, and further in view of George A. Olah, Hydrocarbon Chemistry, 1995 ("Olah"). Applicants respectfully disagree, and request reconsideration and withdrawal of the rejection in view of the following.

Applicants' claims as amended require a bulk multimetallic catalyst comprised of at least one Group VIII non-noble metal and at least two Group VIB metals. For example, applicants' invention requires the simultaneous presence of both W and Mo in a bulk Ni-Mo-W catalyst precursor. This combination results in a surprisingly increased activity as compared to the bulk Ni-Mo precursor or Ni-Mo sulfide. None of the cited references describe the use of the inventive Ni-Mo-W catalyst combination. The claimed combination provides unexpected high activity.

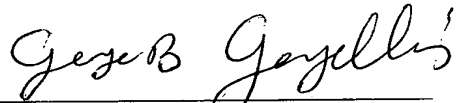
does not say how much

The Examiner suggests that Sawyer discloses a process wherein a Group VIII non-noble metal is selected from Ni and Co and the Group VIB metals are

selected from Mo and W. Applicants respectfully disagree. Sawyer describes a catalyst having two Group VIII and one Group VI component. Applicants' claimed method as amended employs a catalyst that includes two Group VIB components and one Group VIII component. Applicants' method is advantageous because, inter alia, the use of the inventive bulk multimetallic catalyst provides unexpectedly high activity. Neither Olah nor Velenyi disclose applicants' inventive catalyst.

Thus, for at least these reasons, applicants' invention is not obvious over the combination of Sawyer and Olah, or Sawyer, Olah and Velenyi. Reconsideration and allowance of all pending claims is respectfully requested.

Respectfully submitted,



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☒ Pursuant to 37 CFR 1.34(a)

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